



# The Agricultural Education Magazine



## SUBJECT INDEX

## INDEX TO VOLUME 48 (July 1975-June 1976)

### ADULT EDUCATION

- Adult Education in Agriculture for the New Rural,  
Martin B. McMillon.....August  
Adult Program — Zero to 160 in Five Years, P. James Faust.....August  
Adult Farmer Center Uses CB Radio, Jay L. Eudy.....August  
Advisory Councils for Adult Programs, Ray Jones.....August  
Farm Business Mgt. Program: What Does It Mean?,  
Gene V. Francis.....August  
The Role of the Vocational Agriculture Teacher in  
Adult Education, John D. Todd.....August  
Impressions from Serving Out-of-School Groups,  
A. J. Paulus.....August

### AGRICULTURAL LEADERS

- Leader in Agricultural Education:  
Herbert H. Burlingham, Osmund S. Gilbertson and  
Janet S. Herring.....July  
Leader in Agricultural Education:  
A. Webster Tenney, Neville Hunsicker.....August  
Leader in Agricultural Education:  
Ralph Bender, Willard H. Wolf.....September  
Leader in Agricultural Education:  
J. Robert Warmbrod, Ralph E. Bender.....October  
Leader in Agricultural Education:  
Luther Lalum, Vernon D. Luft.....November  
Leader in Agricultural Education:  
George P. Deyoe, Paul Hemp.....December  
Leader in Agricultural Education:  
Gordon I. Swanson, Milo J. Peterson.....January  
Leader in Agricultural Education:  
James E. Dougan, Dick Hummel.....February  
Leader in Agricultural Education:  
George F. Ekstrom, Bob R. Stewart.....March  
Leader in Agricultural Education:  
Harold Moore Byram, O. Donald Meaders.....April  
Leader in Agricultural Education:  
James Wall, Sam Stenzel.....May  
Leader in Agricultural Education:  
Edgar A. Persons, Milo J. Peterson.....June

### AGRICULTURAL MECHANICS

- OSHA and You, W. Forrest Bear.....December  
A Positive Approach to Instruction in Agricultural Mechanics,  
John Wright.....December  
Improved Ag. Mechanics Instruction Through Modular Design,  
Richard A. Rawson.....December  
Electricity in Agriculture — an Educational Rather than a  
Shocking Experience, Thomas A. Hoerner.....December  
The Job Operation Sheet for Instruction in  
Agricultural Mechanics, C. O. Jacobs.....December  
Agricultural Mechanics — Theory and Application,  
Charles J. Jones and Loyd J. Guidry.....December  
Vice President for Ag. Mechanization, LeRoy G. Nichols.....December  
A Home Skills Course for College and High School,  
Harry J. Hoerner and Glenn B. Sims.....December  
Meeting Psychological Needs, Guy Deeds, Jr.....December

- Ag. Mechanics Following Our Bicentennial Year,  
Paul A. Gilman.....February

### ASSISTANTSHIPS AND FELLOWSHIPS

- Assistantships and Fellowships in Agricultural  
Education, 1976-77, Paul Peterson.....March

### BOOK REVIEWS

- Grounds Keeping Equipment — Operating Tractors for  
Grounds Keeping and Ornamental Horticulture, Vol. 1,  
by Thomas S. Colvin. Reviewed by Melvin Essex.....July  
The FFA and You: Your Guide to Learning,  
by Ralph Bender and Robert Taylor.....July  
Reviewed by Arthur Green.....July  
Fundamentals of Service: Fasteners,  
by Robert L. Marchant. Reviewed by Lea Freeman.....September  
Fundamentals of Service: Fiber Glass/Plastics,  
by Robert L. Marchant. Reviewed by Russell Johnson.....September  
The Meat We Eat, by John R. Romans and  
P. Thomas Ziegler. Reviewed by John Hillison.....September  
Swine Production in Temperate and Tropical Environments,  
by Wilson G. Pond and Jerome H. Maner.  
Reviewed by Ralph Van Dikhorn.....October  
Partners with India: Building Agricultural Universities,  
by Hadley Read. Reviewed by Roger Engstrom.....October  
Educators Guide to Free Filmstrips,  
edited by Mary Horkheimer and John Diffor.  
Reviewed by William W. Stewart.....November  
Agriculture, Economics, and Resource Management,  
by Milton M. Snodgrass and L. T. Wallace.  
Reviewed by J. Dale Oliver.....November  
Individualizing Vocational and Technical Instruction,  
by David J. Pucel and William C. Knaak.  
Reviewed by James P. Key.....November  
Understanding Electricity and Electrical Terms,  
Revised by J. Howard Turner. Reviewed by Lee Freeman.....December  
Small Engines, Vol. 2 — Maintenance and Repair,  
by J. Howard Turner. Reviewed by Keith E. Mattox.....December  
Midwest Farm Planning Manual, by Sidney C. James.  
Reviewed by Roger D. Roediger.....January  
The Food in Your Future, by Keith C. Barrons.  
Reviewed by Martin B. McMillon.....January  
The Merck Veterinary Manual, by O. H. Siegmund.  
Reviewed by Gary E. Briers.....January  
The Science of Providing Milk for Man,  
by John R. Campbell and Robert T. Marshall.  
Reviewed by J. Stephen Cantrell.....February  
Natural Resources Measurements, by Thomas Eugene Avery.  
Reviewed by Jasper S. Lee.....February  
The Green Revolution in India: A Perspective,  
by Bandhudas Sen. Reviewed by David L. Howell.....March  
Quality of Horticultural Products, by V. D. Arthey.  
Reviewed by William H. Hamilton.....March  
Beuscher's Law and the Farmer, by Harold W. Hannah.  
Reviewed by Harland E. Ridenour.....May  
Hydraulics, by J. Howard Turner.  
Reviewed by A. R. Clark.....May

## Index to Volume 48 (July 1975-June 1976)

- Weed Science, Principles and Practices,  
by Glenn C. Klingman and Floyd M. Aston.  
Reviewed by Harlan E. Ridenour.....May
- The Science of Animals that Serve Mankind,  
by John Campbell and John F. Lasley.  
Reviewed by Gary E. Briers.....June

### BOOKS TO BE REVIEWED

- From the Book Review Editor's Desk,  
James P. Key.....August, January, March

### CAREER EXPLORATION

- Career Exploration, Harlan E. Ridenour.....April
- Occupational Exploration Through Ag Co-op Training,  
Bill Pugh.....April
- High School Beef Farm is Career Education Center,  
Ray Herren.....April
- Career Study on the Job, Harold C. Tech.....April
- A Package Approach to Career Exploration, David G. Craig.....April
- Environmental Laboratory — Means of Exploration in N.C.,  
Ward R. Robinson.....April
- Organizing for Career Exploration in Ag, Larry E. Miller.....April
- Vocational Teachers Team up to Provide Career Exploration,  
James T. Horner and Richard L. Douglass.....April
- Agricultural Careers — Oklahoma Style, James P. Key.....April

### COOPERATIVE EDUCATION

- Understanding Cooperative Education, N. H. Hunsicker.....November
- Cooperative Education is for Agriculture Too,  
Martin B. McMillion.....November
- Cooperative Education: Problems and Remediation in the  
Phoenix Area, Richard C. Sawyer and Leo C. Peterson.....November
- Educationally Disadvantaged in the Co-op Program,  
Ardell H. Pesschl.....November
- Cooperative Education is a Suburban Role,  
Gordon S. McElhane and Thomas P. Sandham.....November
- Occupational Work Experience, Raymond J. Ernenwein.....November
- Cooperative Occupational Education in Small Schools,  
J. T. Horner, D. G. Zikmund, and R. L. Douglass.....November
- Cooperative Agricultural Education in an Area Vo-Tech  
School, Roger Carlson.....November
- Cooperative Agricultural Education — State Organized  
and Administered, J. C. Simmons.....March

### FACILITIES AND EQUIPMENT

- Agdex — Friend or Foe?, David P. Smith.....March

### GUIDANCE AND COUNSELING

- Guidance for Today's Youth, A. H. Krebs.....September
- How to Perpetuate Our Profession,  
Leo C. Peterson and Richard C. Sawyer.....September
- No College Degree: 20 Years After the Decision,  
Leonard J. DeBoer.....September
- Exploring the Wonderful World of Work, Odell C. Miller.....September
- Strive for Happiness, John J. Buckley.....September
- Recruitment Book, Layle D. Lawrence.....September
- College Credit in High School, Harold J. Mackey.....September
- Need for Career Orientation, Bob Hamblen.....September
- Vocational Guidance in a Changing Society,  
Kenneth A. James.....September
- A Plan for Integrating Guidance into Pre-Vocational Education,  
Raymond A. Holt.....September

- Counselor-Ag Teacher Communication, Larry E. Miller.....September
- Role of Ag Occupations Instructor in Guidance,  
Robert W. Walker.....September
- Home Visitation — A Chance for Counseling,  
Roger L. Crosen.....June

### HISTORY AND PHILOSOPHY

- The Course of Study — Evolving or Revolving?,  
Martin B. McMillion.....February
- Some Issues Linking the Future with the Past,  
J. Robert Warmbrod.....February
- Education in Ag — Our Past and Our Future,  
David R. McClay.....February
- Thanks for Our Heritage and Thanks for Our Challenge,  
Robert R. Price.....February
- Defining and Achieving Objectives — More Difficult Now,  
Elwood M. Juergenson.....February
- Let Us Not Forget, Charles J. D. Tillman.....February
- Milestones and Some Predictions, Sam M. Taylor.....February
- Educating Our Students to Cope with Change,  
Barbara Moore and Gary Moore.....February
- Career Education in Its Place, Martin B. McMillion.....April

### INDEX

- Index to Volume 47 (July 1974 - June 1975).....August

### INSTRUCTIONAL MATERIALS

- Instructional Materials Source, Jasper S. Lee.....September

### INTERNATIONAL AGRICULTURAL EDUCATION

- Agricultural Development, Martin B. McMillion.....October
- Agricultural Education in Developing Countries,  
William I. Lindley.....October
- Vocational Agriculture in Ponape, Ruben S. Dayrit.....October
- In-Service Education — Brazilian Style, Richard F. Welton.....October
- Ag Educators Give Assistance in Korea, Milo J. Peterson.....October
- Some Implications for International Ag. Ed. in the U.S.,  
Benton K. Bristol.....October
- Foreign Students Arrange Farm Tours and Course Credit,  
Mark Patton, Winston Hays, and Martin Limbird.....October
- Agricultural Education in the Kingdom of Tonga,  
Tom Beckner.....October
- Hunger Solution in a Nigerian Girls' School,  
John U. Okorie.....October
- FFA Work Experience Abroad, John W. Watkins.....October
- Missionary in Zambia Makes Things Happen in Agricultural  
Development, Larry Hills and O. Donald Meaders.....March

### LETTERS

- Letters to the Editor.....July, May

### PLACEMENT AND FOLLOW-UP

- A Follow-up of Agricultural Students from Wyoming  
Community Colleges, Rodney J. Smith and James Durkee.....March

### PROGRAM DEVELOPMENT

- Determining the Curriculum — Universal Solution,  
Frederick J. Perlstein.....August
- National Ag Ed Advisory Committee, Gerald R. Fuller.....August
- Kansas, Going with a Core Curriculum, Howard R. Bradley.....February

### THE AGRICULTURAL EDUCATION MAGAZINE

## POST SECONDARY PROGRAMS

Training for Occupations in the Horse Industry, Jack McElroy and Edward Brice.....	November
One-Year Post Secondary Programs in Agriculture, John H. Bartlett.....	January
Innovations at Florence-Darlington Technical College, J. E. Cox.....	January
Ag Ed in California Community Colleges, Ted S. Sypolt.....	January
A Changing Ag. Technology Program at Utah State, Keith W. Hatch and Gilbert A. Long.....	January
Ag Ed in North Carolina Community Colleges, Coy L. Hudson.....	January
Specialized Individual Approach to Job Preparation, Merle Brockshus and Bob Ruen.....	January
Status of Post Secondary Programs in Agriculture, Lawrence H. Erpelding, Jr.....	January
Agriculture Program at Joliet Junior College, Max Custer.....	January
Junior College Farm Equipment Mechanic, Kent Ewing.....	January
Agriculture's Future — Production Technology, Keith L. Byers.....	January
Opportunity for Professional Involvement by Post Secondary Teachers, Sam Stenzel.....	January

## PROFESSIONAL

A Survey of Salaries and Working Conditions of Vo-Ag Teachers in the U.S., Wayne King and James P. Key.....	October
Should I Teach in a Large or Small School System?, Allen G. Blezek and Lloyd Schmaderke.....	April
Don't Procrastinate — Promulgate, Sam Stenzel.....	April
What Are Your Priorities in Your Job?, Larry Lockwood.....	May
Three-fourths Employment Makes Teaching Less Attractive, Harold R. Binkley.....	June
Salaries and Working Conditions for Vocational Agriculture Teachers in the United States, Tobie Titsworth and James P. Key.....	June

## PROGRAMS IN AG. SUPPLY AND SERVICE

Teaching Ag. Supply and Service — Some Ideas, Charles W. Couture.....	March
Pre-Employment Laboratory Training, Rene H. Vela and Jose Correa.....	March
Training in Ag. Supply and Service — A Student Decision, Daryle E. Foster.....	March
Paths to Ag. Service and Supply Employment, Clayton Castleman and Annette Greenland.....	March

## RESEARCH

Attitude of Counselors and Administrators Toward Vocational Agriculture, Max B. McGhee.....	September
Extent to Which Guidance Needs Are Met in Texas Ag Departments, Don R. Herring and Earl S. Webb.....	September
Educational Plans of Iowa Vo-Ag Students, Bennie L. Byler.....	January
The Montana Agricultural Manpower Project, Max L. Amberson and Douglas Bishop.....	March
A Guide to Research Completed and in Progress in Agricultural Education, J. David McCracken.....	March
Summer Programs of Vocational Agriculture in Montana, Max L. Amberson and Daniel Lantis.....	June

## STAFFING

The FFA Paraprofessional, Clifford W. Saylor.....	July
---	------

## STUDENT ORGANIZATIONS

Vo-Ag and FFA, George A. Robinson.....	July
FFA Sweethearts — An Out-dated Idea?, Warren D. Reed.....	July
Guiding Principles for Using Local Contests and Awards in FFA, Charles Byers.....	July
Pardon Me, Your Banquet is Showing, Richard L. Crawford.....	July
A Challenge to Be Different, Robert Burrill.....	July
FFA Membership Assessment in 1975, Richard F. Welton.....	July
Wanted: Citizens of Tomorrow, G. J. Sperlich.....	July
FFA Molds Youth for Leadership, Ernest M. Muncreif.....	July

Restore National Pride Through the FFA, Isaias Almazan, Jr.....	July
Small FFA Chapters Must Try Harder, William T. Woody.....	July
Prevocational Agribusiness and the FFA, Kenneth A. James.....	July
FFA — Leadership in Action, B. Randolph Roller.....	July
Competition and Learning of Ethical Behavior, John M. Dillingham.....	February
Role of FFA in Career Education, Charles Byers.....	April

## SUMMER PROGRAMS

Futuristic Considerations for Summer Programs, Robert C. Haynie.....	June
Increasing Administrator Support for Summer Programs, Willard Barney.....	June
Summer School in Agriculture, Thomas N. Wood, III.....	June
Conducting Summer School in Agriculture, Melvin Lloyd.....	June
Summer Program — A Time to Get Acquainted, Ernest H. Muncreif.....	June
Keeping Records on the Summer Program, James McClay.....	June
The Summer Program — It Can Be Salvaged, Floyd J. Lark.....	June
Why Have a Summer Program?, Jerry Crownover.....	June
Justifying Your Summer Program, Vernon D. Luft.....	June
Suggested Summer Activities for Vo-Ag Teachers, Travis E. Hendren.....	June

## SUPERVISED OCCUPATIONAL EXPERIENCE

The Trainees Are Not Employees, Paul R. Aldrich.....	September
An Agri-Business Center, Henry C. Lunsford.....	November
Seven Kinds of Student Visitations, Clifford Van Berkum.....	February
Farm Experience for Urban Vo-Ag Students, Robert J. Klasterin.....	June

## TEACHER

State FFA Workshop for Beginning Teachers, Paul Hemp and Eldon Witt.....	July
Teachers Work in Agribusiness, Lloyd H. Blanton.....	November
The Role of Conferencing in Developing a Competent Student Teacher, Charles Byers and Harold Binkley.....	November
Multi-State Workshop in Ag. Mechanics, Allan Linster.....	December
Determining the Need for In-service Training in Agricultural Mechanics, William C. West and Layle Lawrence.....	December
Post Secondary Student Teaching, Daniel W. Brown.....	January
Individual Responsibility for Professional Improvement, Herbert Schumann.....	May
Skills Week, O. S. Gilbertson.....	May
In-service Efforts Keep Young Farmer Program Rolling, Jack Pritchard and Bob Mitchell.....	May
The ART of In-service Education, James Albracht.....	May
A Joint Staff Approach to Meeting In-service Needs, Arthur Berkey and William Drake.....	May
Increasing Teacher Competency Through Relevant In-service Education, V. O. Martinson.....	May
In-service Education Through Industry, Charles W. Byers and Rodney W. Tulloch.....	May
Skill-Shops in Horticulture in New York City, George Chrein.....	May
The Illinois System of In-service Staff Development, Richard K. Hofstrand and Allan L. Utech.....	May
In-service Education for Ag Instructors in Texas, Roger K. Arnold.....	May
Individualize In-service Education, James T. Horner and Richard L. Douglass.....	May
In-service Education in Virginia, Stanley R. Burke.....	May

## TEACHING METHODOLOGY

Do Pupils Answer, "I Dunno?", Joe E. Sabol.....	November
The Problem Approach — Is It Outdated?, G. E. Henderson.....	December
Field Trip? No Way!, Emile LeSalle.....	February

## YOUNG FARMERS

Conducting Young and Adult Farmer Programs, Jay McCracken.....	August
The Activities of a YF Chapter, Pat Kelly and John Floyd.....	August



## **AUTHOR INDEX**

## Index to Volume 48 (July 1975-June 1976)

Niblack, James	247	Hamblen, Bob	59	Nichols, LeRoy G.	136
Aldrich, Paul R.	52	Hamilton, William H.	215		
Almazan, Isaias, Jr.	15	Hatch, Keith W.	151		
Amberson, Max L.	205, 280	Haye, Winston	85	Okorie, John U.	89
Arnold, Roger K.	257	Haynie, Robert C.	267	Oliver, J. Dale	119
		Hemp, Paul	12, 139		
		Henderson, G. E.	123		
Bartlett, John H.	147	Hendren, Travis E.	281	Passehl, Ardell H.	102
Bear, Forrest W.	125	Herren, Ray	222	Patton, Mark	85
Beckner, Tom	87	Herring, Don R.	68	Paulus, A. J.	45
Bender, Ralph E.	91	Herring, Janet S.	19	Perlstein, Frederick J.	39
Berkley, Arthur	250	Hillison, John	71	Peterson, Leo C.	53, 101
Binkley, Harold	116, 274	Hills, Larry	204	Peterson, Milo J.	82, 163, 289
Bishop, Douglas	206	Hoerner, Harry J.	140	Peterson, Paul	209
Blanton, Lloyd H.	109	Hoerner, Thomas A.	130	Price, Robert R.	174
Blezek, Allen G.	231	Horner, James T.	107, 233, 258	Pritchard, Jack	246
Bradley, Howard R.	178	Hofstrand, Richard K.	256	Pugh, Bill	221
Brice, Edward	112	Holt, Raymond A.	63		
Briers, Gary E.	167, 287	Howell, David L.	215		
Bristol, Benton K.	84	Hudson, Coy L.	152	Rawson, Richard A.	128
Brockshus, Merle	154	Hummel, Dick	187	Reed, Warren D.	4
Brown, Daniel W.	158	Hunsicker, Neville	43, 99	Robinson, George A.	3
Buckley, John J.	56			Robinson, Ward R.	228
Burke, Stanley R.	260	Jacobs, C. O.	132	Roediger, Roger D.	167
Burrill, Robert	8	James, Kenneth A.	20, 62	Roller, B. Randolph	21
Byers, Charles W.	5, 116, 226, 252	Johnson, Russell	71	Ruen, Bob	154
Byers, Keith L.	162	Jones, Charlie J.	134	Ridenour, Harlan E.	219, 263
Byler, Bennie L.	159	Jones, Ray	31		
		Juergenson, Elwood M.	176	Sabol, Joe E.	114
Cantrell, J. Stephen	191			Sandham, Thomas P.	103
Carlson, Roger	111	Kelly, Pat	42	Sawyer, Richard C.	53, 101
Castleman, Clayton	199	Key, James P.	47, 92, 119, 166, 215, 238, 284	Saylor, Clifford W.	17
Chrein, George	254	King, Wayne	92	Schmadeke, Lloyd	231
Clarke, A. R.	263	Klampe, Lee E.	10	Schumann, Herbert	243
Correa, Jose	196	Klastorin, Robert J.	275	Simmons, J. C.	207
Cox, J. E.	148	Krebs, A. H.	51	Sims, Glenn B.	140
Couture, Charles W.	195			Smith, David P.	200
Craig, David G.	224	Lentis, Daniel	280	Smith, Rodney J.	203
Crawford, Richard L.	7	Lark, Floyd J.	277	Sperlich, G. J.	13
Crosen, Roger L.	282	LaSalle, Emile	185	Stenzel, Sam	164, 236, 259
Crownover, Jerry	278	Lawrence, Layle D.	57, 137	Stewart, Bob R.	211
Custor, Max	156	Lee, Jasper S.	24, 48, 70, 72, 96, 120, 144, 168, 191, 192, 216, 240, 264, 288	Stewart, William W.	119
				Sypolt, Ted S.	150
		Limbird, Martin	85		
Dayrit, Ruben S.	78	Lindley, William I.	77	Taylor, Sam M.	180
DeBoer, Leonard J.	54	Linstner, Allen	135	Tech, Harold C.	223
Deeds, Guy, Jr.	142	Lloyd, Melvin	271	Tillman, Charles J. D.	179
Dillingham, John M.	183	Lockwood, Larry	248	Titsworth, Tobie	284
Douglass, Richard L.	107, 233, 258	Long, Gilbert A.	151	Todd, John D.	34
Drake, William	250	Luft, Vernon D.	115, 279	Tulloch, Rodney W.	252
Durkee, James	203	Lunsford, Henry C.	105		
				Utech, Allan L.	256
Engstrom, Roger	95	Mackey, Harold J.	58		
Ernenwein, Raymond J.	104	Martinson, V. O.	251	Van Berkum, Clifford	188
Erperlding, Lawrence, Jr.	155	Mattox, Keith E.	143	Van Diahorn, Ralph	95
Essex, Melvin	23	McClay, David R.	173	Vela, Rene H.	196
Eudy, Jay L.	30	McClay, James	276		
Ewing, Kent	161	McCracken, J. David	212	Walker, Robert W.	66
		McCracken, Jay	27	Warmbrad, J. Robert	172
Faust, P. James	29	McElhaney, Gordon S.	103	Watkins, John W.	90
Floyd, John	42	McElroy, Jack	112	Webb, Earl S.	68
Foster, Daryle E.	197	McGhee, Max B.	60	Welton, Richard F.	11, 81
Francis, Gene V.	32	McMillion, Martin B.	27, 75, 100, 167, 171, 219	West, William C.	137
Freeman, Lee	71, 143	Meaders, O. Donald	204, 234	Witt, Eldon	12
Fuller, Gerald R.	44	Miller, Larry E.	65, 230	Wolf, Willard H.	67
		Miller, Odell C.	55	Wood, Thomas N. III	270
Gilbertson, Osmund S.	19, 245	Mitchell, Bob	246	Woody, William T.	16
Gilman, Paul A.	190	Moore, Barbara	181	Wright, John	127
Green, Arthur	23	Moore, Gary	181		
Greenland, Annette	199	Muncie, Ernest M.	14, 272	Zikmund, D. G.	101
Guidry, Loyd J.	134				

